



Unelectrified population = 40%

Fostering Renewable Energy Partnerships and Development in the Central America Region

- Fundación Solar is the home to the Central American REPSO for Winrock International.
- Share lessons learned and provide technical assistance throughout the region
- Increase the use of renewable energy (RE) as a tool for sustainable development
- Increase attention to the linkages of RE and productive uses
- Foster incorporation of gender considerations in RE projects
- Scale up sustainable RE project and program approaches
- Leverage financing for renewable energy.

Rural Renewable Energy in Alta Verapaz, Guatemala

- Supported by USAID-CARE/Post Mitch Funds
- Solar Home photovoltaic (PV) systems and improved fuel wood stoves in 23 communities serve a target rural population of 5,000 dwellers.
- Program ran from January 2000 – 2001.
- Combined intervention dealing with technology deployment, watershed protection, community strengthening, and gender-based approaches.
- Total investment of \$1 million.



Project success is dependent on women's participation



Hydro development at the village level in El Quiché, Guatemala.



RE Micro-enterprises in El Quiché, Guatemala

- Supported by Global Environment Facility (GEF)/European Union Quiché Project
- Remove barriers for RE enterprise development at the financial, organizational, and technical/project management level
- Targets micro hydro, solar drying irrigation, and cooling applications for value-added agricultural production
- Involves over than 20 local indigenous productive groups
- Capital of \$0.5 million for initial barrier removal; now leveraging over \$2 million in local investments

Linking RE and Conservation in Lachuá National Park

- Supported by HIVOS, MOVIMONDO
- RE projects for community development in a national park
- Method for linking of RE and reducing threats in conservation
- Developed between 1998 – 1999
- Support for community center lighting systems, solar drying of chile, and communications in and around the park
- Total investment is approximately \$60,000



Solar drying increases value of chile up to 3 times in the market